

Title (en)

Parking aid with graphic and acoustic notification

Title (de)

Einparkhilfe mit grafischer und akustischer Anzeige

Title (fr)

Assistance de stationnement à l'aide de notifications graphiques et acoustiques

Publication

EP 1403659 B1 20110323 (DE)

Application

EP 03017438 A 20030801

Priority

DE 10245421 A 20020928

Abstract (en)

[origin: EP1403659A1] Parking-aid system uses sensors for measuring a parking gap (1) between successive vehicles when driving past a line of parked vehicles (3), the control (4) used for processing the sensor values coupled to an output device (5), providing parking gap information for the driver via graphic and acoustic outputs. The sensors include at least one distance sensor (6) for detecting the gap and at least one path sensor (7) for measuring the gap width.

IPC 8 full level

G01S 13/93 (2006.01); **B60Q 1/48** (2006.01)

CPC (source: EP)

B60Q 9/006 (2013.01); **B60Q 9/007** (2013.01); **B60T 2201/10** (2013.01); **G01S 2013/9314** (2013.01); **G01S 2013/932** (2020.01); **G01S 2015/935** (2013.01)

Cited by

US10713509B1; WO2011006701A1; DE102010034142A1; WO2012019941A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 1403659 A1 20040331; **EP 1403659 B1 20110323**; DE 10245421 A1 20040408; DE 50313562 D1 20110505; ES 2363764 T3 20110816

DOCDB simple family (application)

EP 03017438 A 20030801; DE 10245421 A 20020928; DE 50313562 T 20030801; ES 03017438 T 20030801